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Term

Air Handling Unit

Definition: Equipment that includes a blower or fan, heating and/or cooling coils, and related equipment such as controls, condensate drain pans, and air filters. Does not include ductwork, registers or grilles, or boilers and chillers.

Acronym: AHU

Allergen

Definition: A substance, such as mold, that can cause an allergic reaction.

Antimicrobial

Definition: Agent that kills microbial growth (i.e., chemical or substance that kills mold or other organisms). See "Biocide" and "Fungicide."

Biocide

Definition: A substance or chemical that kills organisms such as mold.

Biological Contaminants

Definition: 1) Living organisms, such as viruses, bacteria, or mold (fungi), 2) the remains of living organisms, or 3) debris from or pieces of dead organisms. Biological contaminants can be small enough to be inhaled, and may cause many types of health effects including allergic reactions and respiratory disorders.

Building Envelope

Definition: Elements of the building, including all external building materials, windows, and walls, that enclose the internal space.

Ceiling Plenum

Definition: Space between a suspended ceiling and the floor above that may have mechanical and electrical equipment in it and that is used as part of the air distribution system. The space is usually designed to be under negative pressure.

Fungi

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Term

Definition: A separate kingdom comprising living things that are neither animals nor plants. The kingdom Fungi includes molds, yeasts, mushrooms, and puffballs. In the mold course, the terms fungi and mold are used interchangeably.

Fungicide

Definition: A substance or chemical that kills fungi.

Heating, Ventilation, And Air-Conditioning System

Acronym: HVAC

High Efficiency Particulate Air (Filter)

Acronym: HEPA

Hypersensitivity

Definition: Great or excessive sensitivity.

Hypersensitivity Pneumonitis

Definition: A group of respiratory diseases that cause inflammation of the lung (specifically granulomatous cells). Most forms of hypersensitivity pneumonitis are caused by the inhalation of organic dusts, including molds.

Microbial Volatile Organic Compound

Definition: A chemical made by mold that is a gas at room temperature and may have a moldy or musty odor.

Acronym: mVOC

Mold

Definition: A group of organisms that belong to the kingdom Fungi. In this course, the terms fungi and mold are used interchangeably.

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Term

Mycotoxin

Definition: A toxin produced by a mold.

Negative Pressure

Definition: A condition that exists when less air is supplied to a space than is exhausted from the space, so the air pressure within that space is less than that in surrounding areas. Under this condition, if an opening exists, air will flow from surrounding areas into the negatively pressurized space.

Plenum

Definition: Air compartment connected to a duct or ducts.

Pressed Wood Products

Definition: A group of materials used in building and furniture construction that are made from wood veneers, particles, or fibers bonded together with an adhesive under heat and pressure.

Remediate

Definition: Fix.

Spore

Definition: The means by which molds reproduce. Spores are microscopic. They vary in shape and range from 2 to 100 microns in size. Spores travel in several ways: passively moved by a breeze or water drop, mechanically disturbed (by a person or animal passing by), or actively discharged by the mold (usually under moist conditions or high humidity).

Toxigenic

Definition: Producing toxic substances.

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